

## DECLARATION FOR PATENT APPLICATION

COPY

Docket No. 1242/5

As an inventor named below, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS, the specification of which

(check one) ☐ is attached hereto.

☒ was filed on April 16, 1998 as Application Serial No. 09/061,768 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations 1.56(a). In compliance with this duty, an Information Disclosure Statement in accordance with Title 37, Code of Federal Regulations 1.97

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☐ was filed with patent application

I hereby claim priority benefits under Title 35, United States Code 119, of any application(s) for patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Application(s)

Priority Claimed

<u>None</u>			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		
_____	_____	_____	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		
_____	_____	_____	Yes	No
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I hereby claim the benefit under Title 35, United States Code 120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations 1.56(a), which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>None</u>		
(Application Serial No.)	(Filing Date)	(Status—patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status—patented, pending, abandoned)

I hereby appoint the following attorney(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Richard E. Jenkins (Registration No. 28,428); Jennifer L. Skord (Registration No. 30,687); Jeffrey L. Wilson (Registration No. 36,058); Arles A. Taylor, Jr. (Registration No. 39,395); and/or Gregory A. Stephens (Registration No. 41,329).

Address all telephone calls to Richard E. Jenkins or Jennifer L. Skord or Jeffrey L. Wilson or Arles A. Taylor, Jr. or Gregory A. Stephens at telephone number (919) 493-8000.

Address all correspondence to:

Jenkins & Wilson, P.A.  
Suite 1400 University Tower  
3100 Tower Boulevard  
Durham, North Carolina 27707

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Alan R. Brash  
Inventor's signature Alan R. Brash Date 5/01/98  
Residence Nashville, Tennessee Citizenship U.K.  
Post Office Address 1105 Holly Tree Farms  
Brentwood, TN 37027

Full name of second joint inventor, if any William E. Boeglin  
Inventor's signature William E. Boeglin Date 5/01/98  
Residence Nashville, Tennessee Citizenship USA  
Post Office Address 233 Paragon Mills Road  
Nashville, TN 37211

Full name of third joint inventor, if any Mitsuo Jisaka  
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of fourth joint inventor, if any \_\_\_\_\_  
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
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Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
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\_\_\_\_\_

Full name of second joint inventor, if any William E. Boeglin  
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence Nashville, Tennessee Citizenship USA  
Post Office Address \_\_\_\_\_  
\_\_\_\_\_

Full name of third joint inventor, if any Mitsuo Jisaka  
Inventor's signature Mitsuo Jisaka Date May 1, 1998  
Residence Matsue, Shimane Citizenship Japan  
Post Office Address 2-12-7-103 Hamanogi, Matsue, Shimane 690-8504  
Japan

Full name of fourth joint inventor, if any \_\_\_\_\_  
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
\_\_\_\_\_

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Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Nashville, Tennessee Citizenship USA

Post Office Address \_\_\_\_\_

Full name of third joint inventor, if any Mitsuo Jisaka

Inventor's signature Mitsuo Jisaka Date May 1, 1998

Residence Matsue, Shimane Citizenship Japan

Post Office Address 2-12-7-103 Hamanogi, Matsue, Shimane 690-8504  
Japan

Full name of fourth joint inventor, if any \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_ Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_



SEPTEMBER 10, 1998

JENKINS & WILSON, P.A.  
RICHARD E. JENKINS  
SUITE 1400, UNIVERSITY TOWER  
3100 TOWER BOULEVARD  
DURHAM, NORTH CAROLINA 27707

PTAS



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*100755298A\*

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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/19/1998

REEL/FRAME: 9276/0126  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BRASH, ALAN R.

DOC DATE: 05/01/1998

ASSIGNOR:

BOEGLIN, WILLIAM E.

DOC DATE: 05/01/1998

ASSIGNOR:

JISAKA, MITSUO

DOC DATE: 05/01/1998

ASSIGNEE:

VANDERBILT UNIVERSITY  
OFFICE OF TECHNOLOGY TRANSFER BOX  
6009, STATION B  
850 BAKER BUILDING, 110 21ST  
STREET  
NASHVILLE, TENNESSEE 37235

SERIAL NUMBER: 09061768  
PATENT NUMBER:

FILING DATE: 04/16/1998  
ISSUE DATE:

9276/0126 PAGE 2

STEVEN POST, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

07-06-1998

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings 0000



To the Honorable Commissioner of Patents

100755298

and original documents or copy thereof.

## 1. Name of conveying party(ies):

Alan R. Brash  
1105 Holly Tree Farms  
Brentwood, Tennessee 37027Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

## 3. Nature of conveyance:

☒ Assignment☐ Mortgage☐ Security Agreement☐ Change of Name☐ Other

Execution Date: May 1, 1998

## 2. Name and address of receiving party(ies)

Name: Vanderbilt University

Internal Address: \_\_\_\_\_

Street Address: Office of Technology Transfer

Box 6009, Station B.

850 Baker Building, 110 21st Street

City: Nashville State: TN ZIP: 37235Additional name(s) & address(es) attached? ☐ Yes ☐ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: N/A

## A. Patent Application No.(s)

09/061,768

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jenkins & Wilson, P.A.

Internal Address: \_\_\_\_\_

Street Address: Suite 1400, University Tower3100 Tower BoulevardCity: Durham State: NC ZIP: 277076. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☒ Enclosed☒ Authorized to be charged to deposit account  
any deficiencies or overpayments

## 8. Deposit account number:

50-0426

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard E. Jenkins

Name of Person Signing

Richard E. Jenkins

Signature

6-16-98

Date

Total number of pages including cover sheet, attachments, and document: 5Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

Tab settings ○○○ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

- 2 -

William E. Boeglin  
233 Paragon Mills Road  
Nashville, Tennessee 37211

Mitsuo Jisaka  
Matsue, Shimane  
2-12-7-103 Hamanogi  
Japan

PATENT

ASSIGNMENT

WHEREAS, we, Alan R. Brash of the City of Nashville, State of Tennessee, William E. Boeglin of the City of Nashville, State of Tennessee, and Mitsuo Jisaka, a citizen of Japan and residing at Matsue, Shimane, (hereinafter "Assignors"), have co-invented certain new and useful improvements in LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS for which an application for Letters Patent of the United States was filed on April 16, 1998 as Application Serial No. 09/061,768.

AND, WHEREAS, Vanderbilt University, a non-profit organization, located at Nashville, Tennessee (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the said Assignee, its successors and assigns, their entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this assignment.

Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its

representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 1<sup>st</sup> day of May, 1998.

Alan R. Brash  
Alan R. Brash

Witnessed by:

[Signature] 5/1/98  
Name Jason Morrow Date

[Signature] 5/1/98  
Name Susan F. Pithy Date

Executed this 1 day of May, 1998.

[Signature]  
William E. Boeglin

Witnessed by:

[Signature] 5-1-98  
Name M. Jennifer Banett Date

[Signature] 5/1/98  
Name Nancy C. Jackson Date

Executed this 1 day of MAY, 1998

Mitsuo Jisaka  
Mitsuo Jisaka

Witnessed by:

Kazushige Yokota May 1, 1998  
Name Date

Tsutomu Nagaya May 1, 1998  
Name Date